Figure 1: Diagram of the basic principle
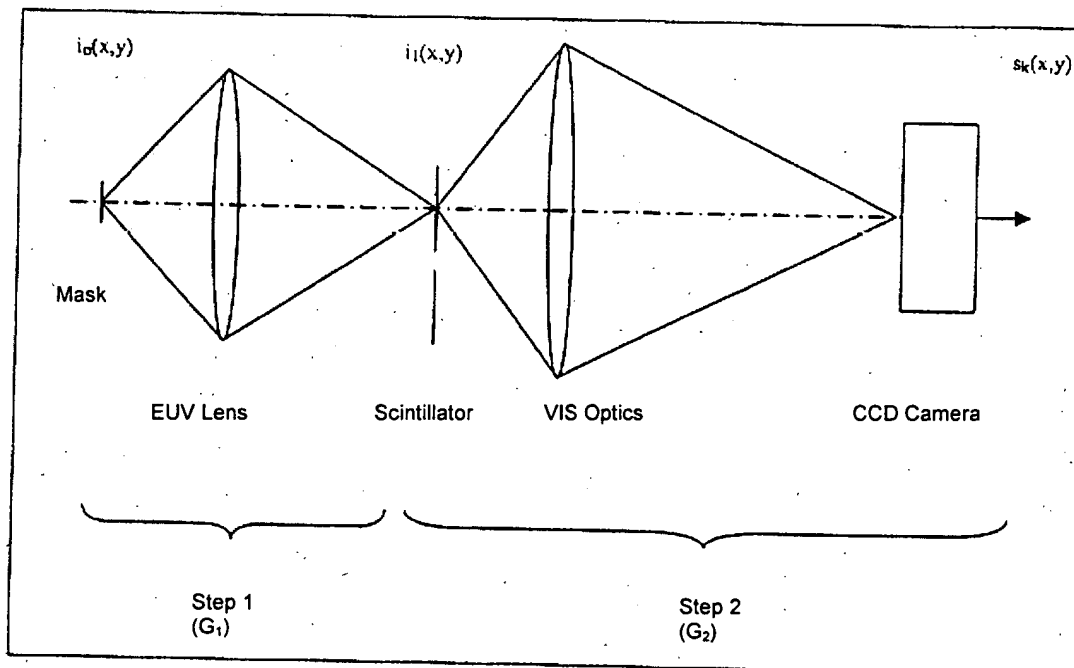

Figure 2: Schematic diagram of the EUV-VIS-AIMS embodiment example
(imaging unit without illumination)

Object and image intensities

Legend:
- $I_0(x)$ (Object)
- $I_{Target}(x)$
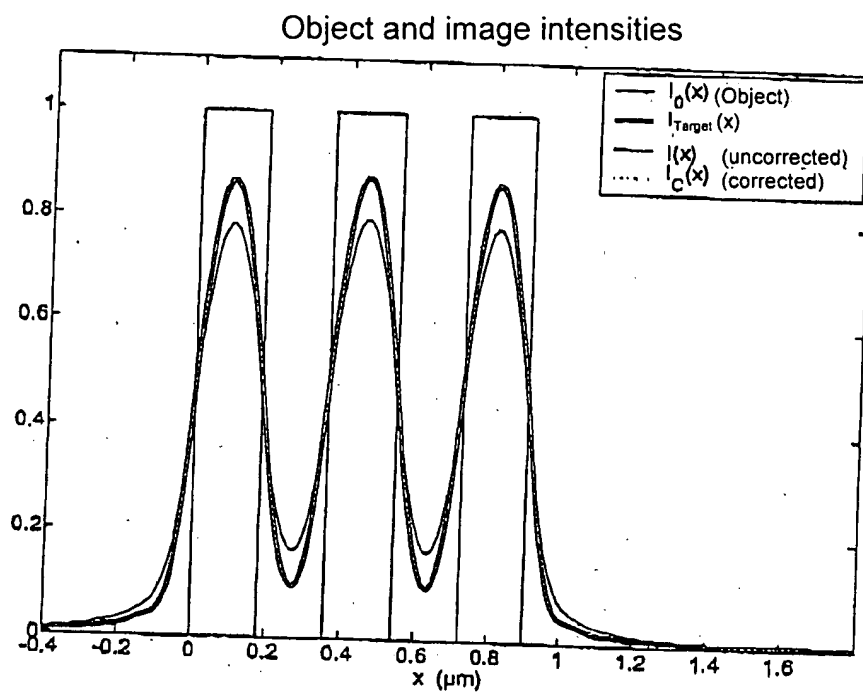- $I(x)$ (uncorrected)
- $I_C(x)$ (corrected)

x (µm)

Illustration 3: Cross-section of an object structure-intensity $i_0(x,y)$ as function of the space, as well as the associated image intensities of the initial image level $i_1(x,y)$, the total system $s(x,y)$ and the corrected system $s_k(x,y)$
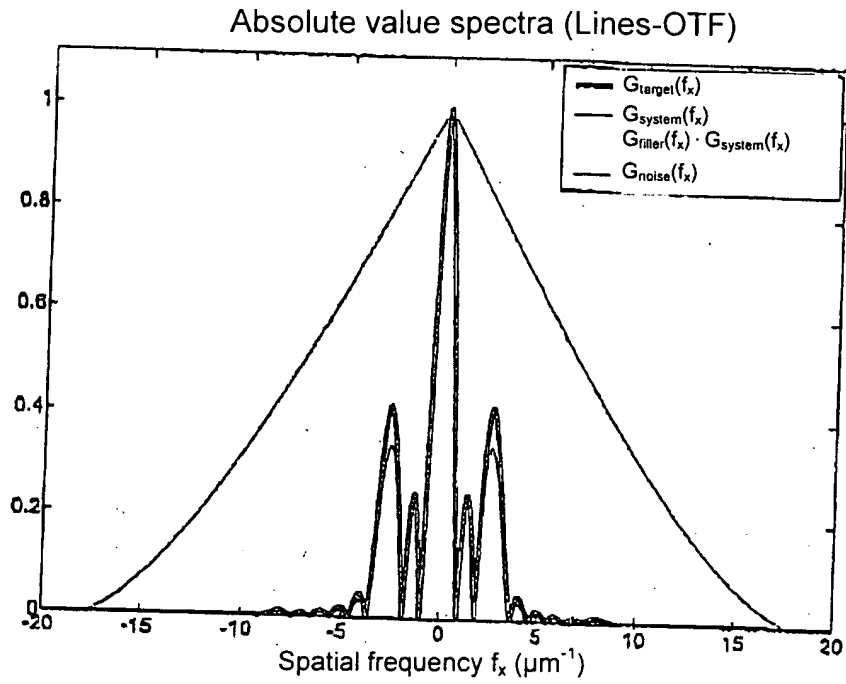
Absolute value spectra (Lines-OTF)

Illustration 4: Absolute value spectra, associated with Illustration 3, of the OTF of the initial image level $G_1(f_x,f_y)$, the second image level $G_2(f_x,f_y)$, the total system $G_{AIMS}(f_x,f_y)=G_1(f_x,f_y) \cdot G_2(f_x,f_y)$ and the corrected system $G_k(f_x,f_y)$.

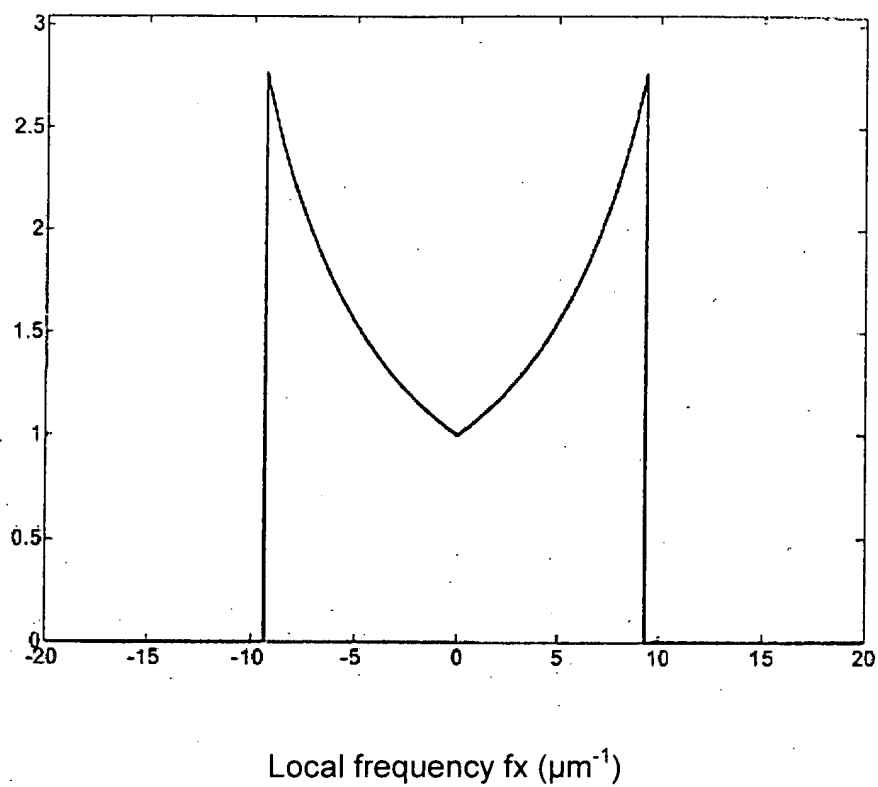Absolute-value Spectrum of the Correction Filter $G_{Filter}(f_x)$ (lines-OTF)

Local frequency fx (μm^{-1})

Figure 5: Absolute-value spectrum, associated with Figures 3 and 4, of the correction filter $G_{Filter}(f_x,f_y) = 1/G_2(f_x,f_y)$